

West Virginia
DWSRF Set-Aside
Supplemental Grant Funds
Progress Activity Report
For Time Period
January 1, 2008 - June 30, 2008

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Summary of Program Implementation [Major issues and/or accomplishments]

OEHS provides EPA with a PWSS/SRF update at the mid-year and at the end of year to report on PWSS/SRF grant work plan activities. Please refer to this update for the normal work plan status.

These funds became available due to vacancies, frozen salaries, and under runs in other budget items from vacancies. The Supplemental Work Plan will be used to further implement programs such as capacity development assessments for most, if not all, community water systems throughout the state. Grants will be provided to water systems for planning projects, developing needs assessments, construction design to close loans quicker, and source water protection. Contractors will be used to develop mapping for water systems, training courses and certification program for water system management staff, water distribution operator, and chief operator.

This Progress Report will address those one time supplemental grant activities approved by EPA in May 2007. During the EPA April 2007 site visit, it was decided to withdraw the unexpended grant funds in the 4% set aside since they were not to be included in the tracking of available set aside funds. None of the 2% set aside was to be used since there is very little balance left over at the end of each fiscal year. Since the funding of the supplemental grant activities cross into both the 10% and 15% set asides, each activity will be addressed and the financial status for each set aside will follow at the end of this report. Any significant uncommitted funds will be redirected into different areas and will be requested in the next grant application. The table below summarizes the progress made on commitments and future earmarks for redirected activities.

Redirection Activity	SFY 2008 Commitment	Redirection Activity	Future Earmarks
WellHead Protection Grant	\$ 113,816	Utility Management Institute	\$ 197,709
Security Enhancement	\$ 77,799	Planning & Design Grants	\$ 2,091,240
		Capacity Development Water	
Source Water Protection Grants	\$ 110,000	System Evaluation Tool	\$ 194,040
USGS Contract	\$ 81,700	Total	\$ 2,482,989
Region 1 GIS Mapping	\$ 144,670		
Total	\$ 527,985		

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I. Activity F(15%): Preliminary Evaluation, Planning, and Project Design Grants

II. Activity F(15%) Description: This activity will provide grant funds to small water systems to determine their needs and expedite projects to the construction phase. This activity will offer technical assistance grants to private and public community water systems for system assessment to:

- Perform source water quantity and quality studies.
- Drill exploratory wells determining source feasibility.
- Test system water loss.
- Perform other studies as needed.
- Identify compliance issues via feasibility study.
- Develop preliminary engineering reports for funding applications.
- Prepare design plans and specifications.
- Conduct income surveys.

III. Outcomes/Benefits:

No.	Planned Outcomes	Outcome Status
1.	Projects funded and constructed more rapidly.	Preliminary engineering reports and funding of designs will enable water systems to implement projects faster.
2.	Water systems returned to compliance.	Returning systems to compliance is a factor in determining the priority of the systems for grant funds.
3.	Water systems avoid future non-compliance.	These grant funds will enable water systems to be eligible for projects to meet future regulations.
4.	Water systems' source and infrastructure needs better understood.	The grant funds will help water systems understand their needs by performing studies of their facilities.

IV. EPA Key Performance Activity Measures (PAMs): There is no specific PAM except for the expenditure of grant funds which will be reported at the end of this report.

V. Resources: This activity will use \$1,094,112.26 from the 15% set aside unexpended funds.

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VI. Schedules and Major Outputs:

No.	Planned Outputs	Output Status
1.	All grants used effectively.	All grants will be for eligible projects and oversight provided by OEHS.
2.	Completed evaluation reports used for subsequent projects.	Completed reports will be required for each project and will be used for subsequent construction projects.
3.	Preliminary engineering reports completed for funding applications.	Preliminary engineering reports will be used for submitting IJDC funding applications for construction projects.
4.	Design plans and specifications completed, expediting project funding and construction.	Grant funds used for completion of design plans and specifications will aid in moving projects to construction quickly.
5.	Completed income surveys demonstrate disadvantaged status.	Grants for income surveys will have to provide legitimate reasons why the income survey should be justified prior to awarding the grant.

Progress Report of Supplemental Grant Funds Workplan: 70 grant applications were received by the end of February 2008 requesting over \$6 Million in funds. The applications were initially screened to be sure the grant application was eligible for the grant program. Several applications were not eligible but 62 applications were considered for the grant funds. The 62 applications were reviewed by the central and district office staff to ensure uniformity of ranking evaluations. Once the rankings were established, this grant program had 21 grants that could be provided to water systems totaling \$2,091,240. The water systems were sent letters indicating whether they received the grant funds or not. The water systems that will be funded were informed that they could proceed to the next step in obtaining engineering or contractor services provided they followed the Disadvantaged Business Enterprise (DBE) and bidding procedures.

Explanations of Variance (\$) and Deviation from Plans (schedules and outputs): The Preliminary Evaluation, Planning, and Project Design Grant program started development at the beginning of this fiscal year. Evaluation and priority ranking was needed since the request for grants exceeded the available funds. No funds were expended during this reporting period. It will take 3 to 6 months to get the proper work statements, budgets, sub-recipient agreements and procurement completed to start the disbursement of the grant funds.

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I. Activity B(10%) & A(15%): Capacity Development Assistance Program

II. Activity B(10%) & A(15%) Description: This activity will be a stand alone project separated from the Source Water Assessment and Protection project. This activity will help water systems achieve technical, managerial, and financial (TMF) capacity. This activity will identify public water systems (PWS) lacking TMF capacity and coordinate assistance.

A contractor will be procured to:

- Develop a survey tool to assess TMF.
- Complete an on-site survey of all Community Water Systems using the Capacity Development Program (CDP) questionnaire.
- Submit survey results to CDP staff.
- Identify PWSs needing TMF assistance and willing to work with the contractor. Examples include management policies, procedures, plans, budgets, financial planning, and security plans.

III. Outcomes/Benefits:

No.	Planned Outcomes	Outcome Status
1.	BPH has comprehensive knowledge of PWSs' TMF capacity.	Contract not implemented at this time.
2.	Water systems have necessary written plans and procedures.	Contract not implemented at this time.
3.	Improved TMF capacity results in viable systems.	Contract not implemented at this time.
4.	Viable systems improved public health protection.	Contract not implemented at this time.

IV. EPA Key Performance Activity Measures (PAMs): There is no specific PAM except for the expenditure of grant funds which will be reported at the end of this report.

V. Resources: This activity is planned to use \$862,409.02 from the 10% set aside and an additional \$50,000 from the 15% set aside unexpended funds. The total planned for this activity is \$912,409.02 from both set asides.

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VI. Schedules and Major Outputs:

No.	Planned Outputs	Output Status
1.	Capacity Development Program surveys completed.	Contract not implemented at this time.
2.	A list of PWSs needing TMF assistance developed.	Contract not implemented at this time.
3.	Assistance provided to receptive PWSs.	Contract not implemented at this time.

Progress Report of Supplemental Grant Funds Workplan: The Capacity Development Program (CDP) has determined there are two distinct steps to this project, each step potentially requiring substantially different contractor capabilities. The first step, currently being developed as the first contract, involves creating a comprehensive public water system evaluation, scoring, and feedback tool. The tool will be used in subsequent steps to:

- Identify water systems lacking technical, managerial, and financial (TMF) capacity
- Teach water systems the impacts of, and corrective measures for, inadequate TMF capacity
- Identify water systems willing to work with the contractor and correct identified TMF capacity problems

We initially believed an Engineering Agreement (EA) would be the best contracting approach for this project but subsequently decided the EA approach might be best for implementation but most engineering firms would not have the capabilities needed to fully develop the evaluation, scoring, and feedback tool we envisioned. Therefore, we are approaching this project in two phases. Phase 1 will be a contract to develop the evaluation tool and phase 2 will be a contract involving extensive field work using the tool to evaluate public water systems. The CDP has received a proposal from the West Virginia University National Environmental Services Center (WVU-NESC) to conduct Phase 1. The WVU-NESC proposal has been forwarded to our Accounting Section where it is currently being reviewed.

Explanations of Variance (\$) and Deviation from Plans (schedules and outputs): We anticipate Accounting Section review and any necessary proposal modifications will be completed in the near future. Once Accounting review is completed, we anticipate the contract will be issued and work initiated by September 30, 2008.

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I. Activity L(10%) & K(15%): Source Water Assistance Program

II. Activity L(10%) & K(15%) Description: This activity will implement wellhead and source water protection activities associated with the WV Source Water Assessment and Protection (SWAP) program. A contractor will provide management and technical assistance to communities, helping develop, update and implement source water protection plans. OEHS will assign project areas or individual PWS systems to contractor(s). The contract work will focus on community water systems (CWS), especially small CWSs. The Contractor will:

- Facilitate Local Advisory Committee meetings.
- Provide educational materials.
- Collect PWS letters of intent to participate in source water protection.
- Revise wellhead and/or SWAP delineation as needed.
- Revise the potential contaminant inventory as needed.
- Determine appropriate source water protection measures on a local basis.
- Develop system specific management and contingency plans using Local Advisory Committee assistance.
- Submit plans to BPH for approval.
- Identify projects that PWSs can accomplish.
- Conduct outreach/educational activities (e.g., outreach/educational workshops, magazine/newspaper articles).
- Develop system specific source water protection brochure.
- Provide PWS system assistance.

The contractor will develop and print a local PWS management guidance document that will:

- Identify specific management activities to mitigate potential contaminant sources.
- Include information such as implementation processes, costs, timeline, and examples.
- Submit documents for BPH approval.

Contractor will develop and print a local PWS contingency plan guidance document that will:

- Identify specific contingency planning activities.
- Provide water systems with an action plan in the event their drinking water supply is threatened or becomes contaminated.
- Include emergency response information, alternative water supply sources, and other elements specified by the BPH.
- Submit documents for BPH approval.

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III. Outcomes/Benefits:

No.	Planned Outcomes	Outcome Status
1.	Local educational efforts increased source water protection.	Contract not implemented at this time.
2.	Local communities increased involvement in source water protection efforts and measures.	Contract not implemented at this time.
3.	Community source water protection efforts and measures improved.	Contract not implemented at this time.
4.	Guidance documents support additional local efforts.	Contract not implemented at this time.

IV. EPA Key Performance Activity Measures (PAMs): There is no specific PAM except for the expenditure of grant funds which will be reported at the end of this report.

V. Resources: This activity is planned to use \$316,050 from the 10% set aside and an additional \$200,000 from the 15% set aside unexpended funds. The total planned for this activity is \$516,050 from both set asides.

VI. Schedules and Major Outputs:

No.	Planned Outputs	Output Status
1.	Wellhead protection activities implemented.	Contract not implemented at this time.
2.	Local efforts created enhanced protection plans.	Contract not implemented at this time.
3.	Standardized plans were accessible to interested parties.	Contract not implemented at this time.
4.	SWAP and WHP plans approved.	Contract not implemented at this time.

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5.	Initial and updated source water reports issued.	Contract not implemented at this time.
6.	Local source water protection plans and educational brochures developed.	Contract not implemented at this time.
7.	Protection activities implemented.	Contract not implemented at this time.
8.	System specific contingency and management plans prepared.	Contract not implemented at this time.
9.	A finalized PWS management guidance document is available for local use.	Contract not implemented at this time.
10.	A finalized PWS contingency guidance document is available for local use.	Contract not implemented at this time.

Progress Report of Supplemental Grant Funds Workplan: Source Water Protection Technical Help Program (SWPTHP) - The proposed contract requires a consulting engineer firm to work with drinking water systems across the state (initially within the St. Albans and the Wheeling District Offices) for the purpose of developing and implementing the components of a local Source Water Protection (SWP) program. Local SWP efforts not only protect public health and safety by preventing drinking water contamination but they can also help avoid the need for costly treatment, increased monitoring and remediation of contaminated drinking water sources. Contract is currently being reviewed by WV State Purchasing before sending out to prospective vendors. A pre-bid meeting is scheduled for August 28, 2008 for potential vendors. Estimated cost is \$350,000.

Assistance will include the technical, educational and managerial aspects of successfully establishing, managing and maintaining a local SWP program. Local SWP program development efforts will include, but not be limited to, rigorous delineation of SWP areas, potential contaminant source identification, regulatory and non-regulatory SWP area management techniques and outreach, to name a few. The degree of assistance provided will be contingent upon the cooperation and participation of the water system and available SWPTHP funds.

Representatives of the participating drinking water systems, BPH and the consulting engineer will jointly determine the appropriate assistance to be provided in each case, based on the participating water system's site-specific needs and management commitment. The consultant will be responsible for developing a site-specific work plan after a project scoping meeting and site visit are conducted

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with the participating water system. The contractor shall provide all required services, including but not limited to project management, technical services, drafting, planning, legal and clerical services, as needed. The contractor shall provide and manage educational material, equipment and supplies. The contractor shall have full-time staff to provide such services; however, the contractor will be allowed to subcontract for any services if these services are not available in-house.

It is anticipated that up to 60 (28 ground water and 32 surface water) community water systems will be assisted during the contract period.

Ground Water:

Capture Zones Size	Number of Systems in St. Albans District	Number of Systems in Wheeling District	Total
Small <500 acres	5	11	16
Medium 500 to 1,000 acres	2	4	6
Large >1,000 acres	2	4	6
Total	9	19	28

Surface Water:

Capture Zones Size	Number of Systems in St. Albans Area	Number of Systems in Wheeling Area	Total
Small <500 acres	1	2	3
Medium 500 to 1,000 acres	22	6	28
Large >1,000 acres	1	0	1
Total	24	8	32

Future contracts will be developed for community systems located in the Philippi, Beckley and Kearneysville District offices. SWAP program will award and monitor contract work activities. Program will review eligible costs, project reports and final payment requests.

Explanations of Variance (\$) and Deviation from Plans (schedules and outputs): No variance or deviation from plans required. An expression of interest contract has been developed and is currently being reviewed by the head of the WVDHHR purchasing department before being published to potential vendors. Anticipate interviewing and selecting the vendor by early summer.

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I. Activity C(10) & B(15%): Geographic Information System Mapping

II. Activity C(10) & B(15%) Description: This activity will create a pilot Global Position System (GPS)/field measurement water system infrastructure inventory within the southern WV Region I Planning & Development Council (Region I) areas. It will acquire asset inventory for municipalities and public service districts (PSDs) within Region I.

A contractor will:

- Initiate a GPS asset inventory pilot program for a minimum of six systems. System size and complexity will vary.
- Estimate project cost for completing remaining Region I systems.
- Use GPS equipment/field observations to inventory water system infrastructure locations (e.g., hydrants, pump stations, and valves).
- Input feature attributes (e.g., manufacturer, installation dates, and maintenance history) into GPS receiver/field notes.
- Maintain secure data copy.
- Issue a project summary report.

The contractor will build a pilot Region I Geographic Information System (GIS) mapping for participating public water systems. The contractor will establish a GIS database for system analysis, maintenance planning, and repair facilitation.

This GIS system will:

- Incorporate GPS/field measurement data into computerized mapping (GIS) program.
- Incorporate previously established Computer Aided Drafting and Design (CADD) mapping into GIS program.
- Digitize system features not feasibly mapped by GPS inventory (e.g., lines).
- Connect distribution and branch lines to hydrants, valves, and pump stations, etc. using GIS.
- Assign system attributes (e.g., line diameter, line material, flow direction, flow rates, installation dates, photographs, and schematics) to features using GIS program's inherent database compilation capabilities.

This activity will provide water system GIS data analyses that will provide assistance and location materials increasing system viability.

The GIS system will:

- Provide water system administrator with GPS and GIS datasets.
- Provide water system administrator with GIS data "viewer".
- Provide GIS data to other interested parties.

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III. Outcomes/Benefits:

No.	Planned Outcomes	Outcome Status
1.	Municipalities/PSDs have accurate, geo-referenced inventory used for asset inventory and maintenance.	Municipalities will have accurate, geo-referenced inventory of assets.
2.	State and Federal agencies (if applicable) have inventory for use analyzing system assets and infrastructure efficiency.	OEHS will have access to the inventories generated from this activity to aid in analyzing system assets and infrastructure.
3.	Personnel provided information locating assets for emergency repairs and routine maintenance.	Water systems will have easy access maps and inventory lists to aid in repairs/maintenance.
4.	System administrators provided quality mapping suitable for system planning and other tasks.	Water systems will have updated maps of their facilities to aid in future planning and upgrading.
5.	Governmental agencies and others have access to water system mapping information.	OEHS will have access to the water system mapping information generated from this activity.
6.	Water systems have a more accurate asset inventory.	Water systems will have an accurate asset inventory for improved capital planning.
7.	Water system GIS data protected.	The GIS data will be protected from outside sources to protect public health.

IV. EPA Key Performance Activity Measures (PAMs): There is no specific PAM except for the expenditure of grant funds which will be reported at the end of this report.

V. Resources: This activity is planned to use \$25,000 from the 10% set aside and an additional \$50,000 from the 15% set aside unexpended funds. The total planned for this activity is \$75,000 from both set asides.

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VI. Schedules and Major Outputs:

No.	Planned Outputs	Output Status
1.	Municipalities/PSDs (as well as State officials, upon request) are provided current, geo-referenced digital and hardcopy asset inventory.	Digital and hardcopy asset inventories will be required as a condition of final invoice payment.
2.	Project summary report completed.	A project summary report will be required for each water system participating in this activity.
3.	Detailed geo-referenced system mapping incorporating high-resolution color aerial photography is completed and available in digital and hardcopy formats.	Detailed geo-referenced mapping using high-resolution color aerial photography will be available in digital and hardcopy formats.
4.	Detailed database files (integrated into GIS data) are suitable for analysis by other GIS users.	The database files will be standardized and suitable for use by other GIS users.
5.	Detailed digital data uploaded into GIS-capable GPS receivers.	The digital data will be uploaded into GIS-capable GPS receivers.
6.	System administrators provided with GIS viewer and GIS/GPS data.	System administrators will be provided with GIS viewer and GIS/GPS data.
7.	Data viewed and analyzed, but not altered.	Water systems will have the ability to view data and do analysis, but will not be able to alter the maps and data without revisions provided by Region 1.

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Progress Report of Supplemental Grant Funds Workplan:

The sub-recipient agreement was in place in January 2008. Region 1 has hired some additional staff to perform this work activity. Mapping has been performed for the Red Sulphur PSD and McDowell County PSD. Data collection is proceeding well and more water systems are in line for future mapping.

Explanations of Variance (\$) and Deviation from Plans (schedules and outputs):

The first year budget is \$144,000 and should be disbursed by the end of this calendar year. Through July 2008, Region 1 has submitted invoices totaling over \$52,700. The agreement is expected to be renewed for the next two years to use the full amount of the planned activity.

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I. Activity D(10%) & C(15%): Area Wide Optimization Program Performance Based Training

II. Activity D(10%) Description: This activity will initiate and implement Performance Based Training (PBT) within the EPA's Region III Area Wide Optimization Program (AWOP) guidelines. A contractor will train public water system operators to optimize their treatment plant and/or distribution system performance.

Contractor activities are:

- Enlist water system management/owners and water system operators in the AWOP/PBT program.
- Conduct water system operator training.
- Analyze water plant treatment processes and/or distribution operations.

III. Outcomes/Benefits:

No.	Planned Outcomes	Outcome Status
1.	PBT-trained water system operators will optimize water treatment plant and/or distribution operations.	Activity has not been implemented yet.
2.	Optimized water treatment plant performance will result in reduced particle numbers, associated potential contaminants, and disinfection by-product formation.	Activity has not been implemented yet.
3.	Optimized distribution operations reduced disinfection by-product formation.	Activity has not been implemented yet.
4.	Public health protected with improved operator and water system performance.	Activity has not been implemented yet.

IV. EPA Key Performance Activity Measures (PAMs): There is no specific PAM except for the expenditure of grant funds which will be reported at the end of this report.

V. Resources: This activity is planned to use \$150,000 from the 10% set aside unexpended funds.

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VI. Schedules and Major Outputs:

No.	Planned Outputs	Output Status
1.	Water system operators mentored in PBT and AWOP principles.	Activity has not been implemented yet.
2.	Assistance provided to water system operators, increasing the PBT program graduation rate.	Activity has not been implemented yet.
3.	Water treatment plant performance and/or distribution operations optimized.	Activity has not been implemented yet.

Progress Report of Supplemental Grant Funds Workplan:

A draft workplan was prepared by the State AWOP Coordinator that will be submitted to purchasing.

Explanations of Variance (\$) and Deviation from Plans (schedules and outputs):

No disbursements to date on this activity. We are working on submitting the draft workplan to purchasing for subsequent vendor selection.

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I. Activity E(10%): Source Water Security Enhancements Grants

II. Activity E(10%) Description: This activity will improve PWSs source water security using grant funding. It will offer grants to install security features such as:

- Fencing.
- Cameras.
- Lights.
- Alarm systems.
- Install raw water contaminant detection equipment.

III. Outcome/Benefit:

No.	Planned Outcomes	Outcome Status
1.	Public health protected with improved source water security.	See schedules and output section.

IV. EPA Key Performance Activity Measures (PAMs): There is no specific PAM except for the expenditure of grant funds which will be reported at the end of this report.

V. Resources: This activity is planned to use \$134,000 from the 10% set aside.

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VI. Schedules and Major Outputs:

No.	Planned Outputs	Output Status
1.	Water systems facilities will have increased source water security.	<ol style="list-style-type: none">1. Clarksburg Water Board has been awarded \$21,119 to install a fence and camera system to provide security at their surface water intake. Grant periods run 09/01/08 to 08/31/09.2. City of Fairmont has been awarded \$47,575 to install a fence to secure the raw water reservoir and a raw water intake on a second body of water. Grant periods run 08/01/08 to 07/31/09.3. City of Hurricane has \$9,105 to install a fence to secure their raw water reservoir. Grant period runs from 04/01/08 to 03/31/09.
2.	All funds used effectively.	Grant funds will be provided for eligible projects to improve their security.

Progress Report of Supplemental Grant Funds Workplan: The 2008 Wellhead Protection Project and Source Water Protection Project Grant Programs were designed to offer security project grant opportunities. A total of ten (10) applicants proposed security projects, including installation of fencing, security cameras, and signage to protect their source waters. Three (3) of these applicants are receiving funding from Activity E(10%). A total of \$77,799 has been awarded to complete these proposed activities. Final award agreements have been signed or are being negotiated.

2009 WHP/SWP Grant programs have been publicized. Formal notices of available funding and application for both programs are scheduled to be mailed in July 2008. Application deadlines are set for 9/01/08 for WHP and 9/15/08 for SWP.

Explanations of Variance (\$) and Deviation from Plans (schedules and outputs): No variance or deviation from plans required. Project is on schedule. Scheduling and planning is in progress for the 2009 Grant Program.

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I. Activity F(10%) & E(15%): Source Water Protection Grants

II. Activity F(10%) & E(15%) Description: This activity will implement source water protection activities associated with the Source Water Assessment and Protection (SWAP) program. It will provide grants to community public water supply (PWS) groundwater systems establishing and implementing wellhead protection programs.

The activity will:

- Establish and develop wellhead protection activities protecting groundwater sources.
- Establish formal sub-recipient agreement with grantee, including scope of work and standards.
- Refine the wellhead protection delineations using site-specific information.
- Expand the inventory of existing and potential point and non-point contamination sources
- Initiate wellhead protection management or planning.
- Enhance wellhead protection program at the local level.

The activity will also provide grants to surface water community PWS systems, assisting them to establish and implement source water protection programs.

This activity will:

- Establish and develop surface source water protection.
- Establish formal sub-recipient agreement with grantee, including scope of work and standards.
- Establish inter-agency agreement promoting and implementing watershed source protection benefiting community systems.
- Refine the watershed protection using site-specific information.
- Expand the inventory of existing and potential point and non-point contamination sources.
- Initiate source water protection management or planning.
- Enhance source water protection program at the local level.

This activity will also assess and characterize the hydrogeologic setting of water in flooded, abandoned underground coal mines, primarily in southern WV to help determine wellhead protection delineations. It will determine water flow paths and recharge rates into abandoned coal mines from overlying strata. Develop a flow model, accounting for fractured bedrock and mine voids; applicable to other flooded, abandoned, underground mines to help determine wellhead protection delineations.

It will:

- Develop a multi-year joint funding agreement with the USGS.

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- Collaborate with other cooperating agencies in funding USGS.
- Select one or more suitable mines, preferably a PWS water source.
- Install monitoring wells.
- Conduct borehole geophysics identifying strata physical properties.
- Collect and analyze ground water samples.
- Conduct a ground water recharge investigation including flow through a flooded abandoned coal mine.
- Characterize overlying strata hydraulic properties.
- Create fractured bedrock aquifer conceptual groundwater flow model for flooded, abandoned, underground coal mines.

III. Outcomes/Benefits:

No	Planned Outcomes	Outcome Status
1.	Communities' source water protection efforts and measures improved.	See Schedules and Major Outputs below.
2.	The fractured bedrock aquifer conceptual ground water flow model created.	Contract signed and is currently being implemented.
3.	A water accumulation and movement model developed for flooded abandoned coal mines.	Contract signed and is currently being implemented.
4.	Aquifer properties and characteristics database significantly revised to include data representing the southern West Virginia mining region.	Contract signed and is currently being implemented.
5.	A comprehensive report applicable to comparable geologic settings is available.	Contract signed and is currently being implemented.
6.	Knowledge obtained increased source water protection activities for PWSs utilizing abandoned mine water.	Contract signed and is currently being implemented.
7.	Water systems' source and infrastructure needs better understood.	See Schedules and Major Outputs below.

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IV. EPA Key Performance Activity Measures (PAMs): There is no specific PAM except for the expenditure of grant funds which will be reported at the end of this report.

V. Resources: This activity is planned to use \$200,000 from the 10% set aside and an additional \$200,000 from the 15% set aside unexpended funds. The total planned for this activity is \$400,000 from both set asides.

VI. Schedules and Major Outputs:

No.	Planned Outputs	Output Status
1.	Wellhead protection activities implemented.	<ol style="list-style-type: none">1. Alpine Lake Public Utilities Company has been awarded \$5,625 to install a fence at their primary source to allow for security and access for routine maintenance. Agreement is signed and grant period runs from 1/1/08-12/31/08.2. Lubeck Public Service District has been awarded \$8,500 to install fencing at their electrical control tower that services their wellfield. This tower has been vandalized in the past and the fence is the first step in a security system plan. In addition, one wellhead will be fenced with available funding. Grant period runs from 3/1/08-2/28/09.3. New Martinsville Water and Sanitary Sewer Board has been awarded \$12,350 to install a fence and camera system to provide security for their wellheads. In addition, the security system will be connected to current telemetry to allow for notification of unauthorized entry into well sites. Grant period runs from 3/31/08-2/28/08.4. New Cumberland Water/Sewage Board has been awarded \$10,000 to install a fence and camera system to provide security at their wellheads. Grant period runs from 3/1/08-2/28/09.

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		<ol style="list-style-type: none">5. Village of Beech Bottom has been awarded \$4,356 to install a security system and drinking water protection signs along the major highway within their wellhead protection area. Grant period runs 8/01/08 to 7/31/09.6. City of Wellsburg Water Board has been awarded \$19,620 to install a security system, wellfield illumination, and drinking water protection signs along the major highway within their wellhead protection area. Grant period runs 8/01/08 to 7/31/09.7. Preston County Public Service District #4 has applied for \$17,365 to install a fence to protect wellheads and electrical control panels from vandalism or contamination, as well as to install pressure transducers in their wells to analyze the aquifer to prepare to produce adequate water quantity to facilitate future growth in the area. Grant period runs 02/01/08 to 1/31/09.8. City of Sistersville has applied for \$15,000 to develop a wellhead protection plan, including establishing a detailed delineation of a wellhead protection area and identification of potential contaminant sources. Grant period has not been established.9. Red Sulphur Public Service District has applied for \$15,000 to develop land use policies and practices that will protect source water resources. This project is part of an ongoing county-wide source water protection plan. Grant period runs from 4/01/08 to 3/31/09.10. Franklin has been awarded \$15,000 to establish a monitoring station and conduct non-compliance sample analysis of their raw water to identify potential contaminants of concern from nearby PCS.
2.	Wellhead protection plans improved.	See above.

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3.	Source water protection activities implemented.	<ol style="list-style-type: none">1. Kingwood Water Works has applied for \$45,000 to develop and implement a Source Water Protection Program to address contamination threats.2. City of Parsons has applied for \$50,000 to develop SWAP plan including an Emergency Response Plan to provide contingencies for emergencies including power outages and recurring flooding of the Cheat River. As well as, plans to handle expected future water demands.3. Mt. Top Public Service District has applied for \$15,000 to conduct a hydrologic study of source water. This proposed grant may be increased to establish a local source water protection program to plan for specific threats.
4.	Source water protection plans improved.	See above.
5.	Interim progress summaries issued.	Provide invoice and program reports.
6.	Raw data including sample analysis, physical lithologic characteristics, and borehole geophysical logs.	Contract has been signed and is currently being implemented.

Progress Report of Supplemental Grant Funds Workplan:

2008 Wellhead Protection Grant Program

Ten (10) community water systems are participating in the 2008 Wellhead Protection Grant Program. Subrecipient Grant Agreements have been signed or are being negotiated for each. Grant awards total \$113,816 and will provide for wellhead protection planning and security.

The 2009 Local Wellhead Protection Grant Applications are expected to be posted on the Internet at:

http://www.wvdhhr.org/oehs/eed/swap/grant_page.asp by July 7, 2008. Applications will be mailed directly to 75 systems who have indicated interest in grant funding. Application deadline is set for September 1, 2008. Selections are expected to be complete by November 2008.

January 1, 2008 – June 30, 2008 Supplemental Grant Funds Progress Activity Report

2008 Source Water Protection Grant Program for Surface Water Systems

Six (6) community water systems are participating in the 2008 Source Water Protection Grant Program. Three (3) of these systems applied for security activities and are reported in Activity E (10%) Source Water Security Enhancement Grants. The remaining three (3) systems have proposed source water protection planning, emergency response planning, and investigation and monitoring of potential contaminant sources within their source water protection areas. Approximately \$110,000 is expected to be awarded to these systems.

The 2009 Local Source Water Protection Grant Applications are expected to be posted on the Internet at http://www.wvdhhr.org/oehs/eed/swap/grant_page.asp by July 21, 2008. Applications will be mailed directly to 74 systems who have indicated interest in grant funding. Application deadline is set for September 15, 2008. Selections are expected to be complete by November 2008.

Hydrologic Coalmine Study - USGS Development of a proposal with the USGS and West Virginia Geologic Survey to study the hydrologic flow in abandoned coal mines in McDowell County, West Virginia. Joint funding agreement and work plan has been developed and a contract signed (6/6/08) for \$81,700 for July 1, 2008 through June 30, 2009 period. Estimated total project cost for this project is \$200,000.

Explanations of Variance (\$) and Deviation from Plans (schedules and outputs):

No variance or deviation from plans required. Project is on schedule. Scheduling and planning for the 2009 Grant Program.

January 1, 2008 – June 30, 2008 Supplemental Grant Funds Progress Activity Report

I. Activity G(10%): Water Distribution (WD) and Chief Operator Training

II. Activity G(10%) Description: This activity will establish and conduct Water Distribution and Chief Operator training.

A contractor will:

- Create the following courses:
 - Water Distribution operator training.
 - Chief Operator training.
- Develop materials and hold courses in WV.
- Provide and/or arrange for course instructors.
- Schedule and conduct first year courses.
- Develop and produce written examinations (Water Distribution only).
- Issue certificates for course completion.
- Maintain course rosters and records.
- Provide a post-course evaluation and make appropriate course modifications.

III. Outcomes/Benefits:

No.	Planned Outcomes	Outcome Status
1.	Water Distribution and Chief Operator training program developed.	Water Distribution Course contract EHS80370 effective 4/1/08 for \$48,925.00 total. Chief Operator Course contract EHS80373 effective 6/15/08 for \$17,600.00 total.
2.	Water Distribution and Chief Operator classes taught.	WD courses scheduled with 1 st course held 8/4/08-8/7/08. No schedule provided from vendor for Chief Operator course as of 8/7/08.
3.	Water Distribution and Chief Operators trained, tested and certified, where applicable.	No information available yet.
4.	Public health protected through improved water system operation.	Not implemented yet to determine efficacy.

January 1, 2008 – June 30, 2008 Supplemental Grant Funds Progress Activity Report

IV. EPA Key Performance Activity Measures (PAMs): There is no specific PAM except for the expenditure of grant funds which will be reported at the end of this report.

V. Resources: This activity is planned to use \$66,625 from the 10% set aside.

VI. Schedules and Major Outputs:

No.	Planned Outputs	Output Status
1.	Curricula and testing developed.	Water Distribution certification exam was developed by the Drinking Water Exam Review Committee (DWERC) Spring 2008 and will be administered as part of the last day of the WD training course by BPH staff. The WD contract will provide 50 exam questions the DWERC may use on future exam versions. Water Distribution Course Manual in review by BPH. Chief Operator course does not include an examination or testing component where it is a required training, not part of certification. Chief Operator Course Manual not yet provided by vendor.
2.	One round of classes taught.	This contract deliverable has not yet been completed by either the WD or Chief Operator course.
3.	Course records and certificates maintained.	This contract deliverable has not yet been completed by either the WD or Chief Operator course.

Progress Report of Supplemental Grant Funds Workplan: Water Distribution and Chief Operator contracts are in place to develop courses and provide the required training across the state in accordance with new operator regulations (64CSR4). Water Distribution contract EHS80370 with WV ETC effective 4/1/08 for \$48,925.00 total and valid for 1 year. Chief Operator Course contract EHS80373 with WV RWA effective 6/15/08 for \$17,600.00 total and valid for 1 year. Contracts will develop new operator training resources, minimize travel costs since offered statewide, and assist operators and systems with state and federal rule compliance to ultimately enhance public drinking water protection.

Explanations of Variance (\$) and Deviation from Plans (schedules and outputs): No variance or deviation from plans required at this time. Project is on schedule.

January 1, 2008 – June 30, 2008 Supplemental Grant Funds Progress Activity Report

I. Activity H(10%) & G(15%): Annualized Salaries

II. Activity H(10%) & G(15%) Description: Annualized salaries for Fiscal year 2008 have been earmarked as part of the redirection plan. Any salaries that are awarded in this grant application will be for the State Fiscal Year 2009. Any of this money that remains unspent as of 6/30/2008 will be redirected into different areas with the next grant application.

III. Outcomes/Benefits:

No.	Planned Outcome	Outcome Status
1.	Oldest grants will be closed out first as funds are disbursed.	Oldest grants are closed out in order.

IV. EPA Key Performance Activity Measures (PAMs): There is no specific PAM except for the expenditure of grant funds which will be reported at the end of this report.

V. Resources: This activity is planned to use \$1,031,102 from the 10% set aside and an additional \$700,125 from the 15% set aside unexpended funds. The total planned for this activity is \$1,731,227 from both set asides.

VI. Schedules and Major Outputs:

No.	Planned Output	Output Status
1.	Oldest remaining grant is closed out.	Grant 11516 (FFY 2004) is expected to close out by September '08.

Progress Report of Supplemental Grant Funds Workplan:

Grant 11516 is in the process of reaching the goal of spending all monies available for salaries by end of SFY 2008. The planned amount of salaries to be redirected to the oldest grant will be done for the second half of SFY 2008. This redirection will remain in the salaries classification and will be transparent (no effect) in the Planned Activities Budget Report.

Explanations of Variance (\$) and Deviation from Plans (schedules and outputs): No variance or deviation from plans required. Project is on schedule.

January 1, 2008 – June 30, 2008 Supplemental Grant Funds Progress Activity Report

I. Activity I(10%) & H(15%): Fringe Benefits

II. Activity I(10%) & H(15%) Description: Fringe benefits for annualized salaries for SFY 2008 have been earmarked as part of the redirection plan. Any fringe benefits that are awarded in this grant application will be utilized in the SFY 2009. Any of this money that remains unspent as of 6/30/2008 will be redirected into different areas with the next grant application.

III. Outcomes/Benefits:

No.	Planned Outcome	Outcome Status
1.	Oldest grants will be closed out first as funds are disbursed.	Oldest grants are closed out in order.

IV. EPA Key Performance Activity Measures (PAMs): There is no specific PAM except for the expenditure of grant funds which will be reported at the end of this report.

V. Resources: This activity is planned to use \$315,944 from the 10% set aside and an additional \$265,341 from the 15% set aside unexpended funds. The total planned for this activity is \$581,285 from both set asides.

VI. Schedules and Major Outputs:

No.	Planned Output	Output Status
1.	Oldest remaining grant is closed out.	Grant 11516 (FFY 2004) is expected to close out by September '08.

Progress Report of Supplemental Grant Funds Workplan: Grant 11516 is in the process of reaching the goal of spending all monies available for fringe benefits by end of SFY 2008. The planned amount of fringe benefits to be redirected to the oldest grant will be done for the second half of SFY 2008. This redirection will remain in the fringe benefits classification and will be transparent (no effect) in the Planned Activities Budget Report.

Explanations of Variance (\$) and Deviation from Plans (schedules and outputs): No variance or deviation from plans required. Project is on schedule.

January 1, 2008 – June 30, 2008 Supplemental Grant Funds Progress Activity Report

I. Activity J(10%) & I(15%): Current Expense

II. Activity J(10%) & I(15%) Description: Current Expense for the SFY2008 has been earmarked as part of the redirection plan. This includes, but not limited to, rent, office supplies, vehicle expense, copiers, phone, fax, postage, etc. Any current expense awarded in this grant application will be utilized in SFY 2009. Any of this money that remains unspent as of 6/30/2008 will be redirected into different areas with the next grant application.

III. Outcomes/Benefits:

No.	Planned Outcome	Outcome Status
1.	Oldest grants will be closed out first as funds are disbursed.	Oldest grants are closed out in order.

IV. EPA Key Performance Activity Measures (PAMs): There is no specific PAM except for the expenditure of grant funds which will be reported at the end of this report.

V. Resources: This activity is planned to use \$605,003 from the 10% set aside and an additional \$231,041 from the 15% set aside unexpended funds. The total planned for this activity is \$836,044 from both set asides.

VI. Schedules and Major Outputs:

No.	Planned Output	Output Status
1.	Oldest remaining grant is closed out.	Grant 11516 (FFY 2004) is expected to close out by September '08.

Progress Report of Supplemental Grant Funds Workplan: Grant 11516 is now oldest grant and is in the process of reaching the goal of spending all monies available for current expenses by end of SFY 2008. The planned amount of current expenses to be redirected to the oldest grant will be done for the second half of SFY 2008. This redirection will remain in the current expenses classification and will be transparent (no effect) in the Planned Activities Budget Report.

Explanations of Variance (\$) and Deviation from Plans (schedules and outputs): No variance or deviation from plans required. Project is on schedule.

January 1, 2008 – June 30, 2008 Supplemental Grant Funds Progress Activity Report

I. Activity K(10%) & I(15%): Indirect Costs

II. Activity K(10%) & I(15%) Description: Indirect costs associated with annualized salaries have been earmarked as part of the redirection plan. Any indirect cost awarded in this grant application will be utilized in SFY 2009. Any of this money that remains unspent as of 6/30/2008 will be redirected into different areas with the next grant application.

III. Outcomes/Benefits:

No.	Planned Outcome	Outcome Status
1.	Oldest grants will be closed out first as funds are disbursed.	Oldest grants are closed out in order.

IV. EPA Key Performance Activity Measures (PAMs): There is no specific PAM except for the expenditure of grant funds which will be reported at the end of this report.

V. Resources: This activity is planned to use \$170,131.83 from the 10% set aside and an additional \$343,742.86 from the 15% set aside unexpended funds. The total planned for this activity is \$513,874.69 from both set asides.

VI. Schedules and Major Outputs:

No.	Planned Output	Output Status
1.	Oldest remaining grant is closed out.	Grant 11516 (FFY 2004) is expected to close out by September '08.

Progress Report of Supplemental Grant Funds Workplan: Grant 11516 is now oldest grant and is in the process of reaching the goal of spending all monies available for indirect cost by end of SFY 2008. The planned amount of indirect cost to be redirected to the oldest grant will be done for the second half of SFY 2008. This redirection will remain in the indirect cost classification and will be transparent (no effect) in the Planned Activities Budget Report.

Explanations of Variance (\$) and Deviation from Plans (schedules and outputs): No variance or deviation from plans required. Project is on schedule.

January 1, 2008 – June 30, 2008 Supplemental Grant Funds Progress Activity Report

I. Activity D(15%): WV Utility Management Institute

II. Activity D(15%) Description: This activity will develop a WV Utility Management Institute (UMI) providing professional training, leading to a Utility Manager Certification. It will create a training curriculum leading to a Utility Manager Certification awarded to utility managers successfully completing all UMI courses.

The contractor will:

- Create the following courses:
 - Utility Management.
 - Utility Organization, Regulation and Law.
 - Modern Technology and Utility Management.
 - Human Resource Management for Utilities.
 - Utility Finance and Administration.
 - Public Relations in Utility Management.
- Develop materials and hold courses in WV.
- Provide and/or arrange for course instructors.
- Schedule and conduct first year courses.
- Issue course completion certificates.
- Maintain course rosters and records.
- Provide a post-course evaluation and make appropriate course modifications.

III. Outcomes/Benefits:

No.	Planned Outcomes	Outcome Status
1.	A WV UMI program is developed.	Contract not implemented at this time.
2.	Participating water system staff developed management expertise.	Contract not implemented at this time.
3.	Better water system management, improved water system TMF capacity, and long-term viability.	Contract not implemented at this time.

January 1, 2008 – June 30, 2008 Supplemental Grant Funds Progress Activity Report

4.	Public health protected through improved water system management.	Contract not implemented at this time.
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IV. EPA Key Performance Activity Measures (PAMs): There is no specific PAM except for the expenditure of grant funds which will be reported at the end of this report.

V. Resources: This activity is planned to use \$100,000 from the 15% set aside unexpended funds.

VI. Schedules and Major Outputs:

No.	Planned Outputs	Output Status
1.	UMI curricula developed.	Contract not implemented at this time.
2.	One round of curriculum classes taught.	Contract not implemented at this time.
3.	Course records and certificates maintained.	Contract not implemented at this time.

Progress Report of Supplemental Grant Funds Workplan:

The Capacity Development Program (CDP) has worked with the Accounting Section regarding the appropriate contracting approach. Based on CDP, Accounting, and West Virginia University National Environmental Services Center (WVU-NESC) discussions it was determined to seek an interagency agreement with WVU-NESC for this project. The CDP has received a proposal from WVU-NESC to conduct this project. The WVU-NESC proposal has been forwarded to our Accounting Section where it is currently being reviewed.

Explanations of Variance (\$) and Deviation from Plans (schedules and outputs):

We anticipate Accounting Section review and any necessary proposal modifications will be completed in the near future. Once Accounting review is completed, we anticipate the contract will be issued and work initiated by September 30, 2008.

Financial Status of Set Asides:

The following tables will provide a snapshot picture of the unexpended set aside funds and the redirection of those funds to the Supplemental Work Plan activities.

January 1, 2008 – June 30, 2008 Supplemental Grant Funds Progress Activity Report

Planned Activities Budget Report

10% Fed & State Program Mngmt	Balance End of FY 07	SFY 2008			SFY 2009			SFY 2010			SFY 2011			SFY 2008-11 Plan
		Budget	Actual Expenses	Balance	Budget	Projected Expenses	Balance	Budget	Projected Expenses	Balance	Budget	Projected Expenses	Balance	
Grant Award		\$1,603,800			\$0			\$0			\$0			\$1,603,800
Salary	\$1,563,427	\$653,018	\$546,525	\$1,569,920	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$546,525
	RF	\$100,000		RF	\$331,907		RF	\$780,000		RF	\$0		RF	
Fringe	\$614,643	\$263,754	\$180,489	\$657,517	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$180,489
	RF	\$40,390		RF	\$223,919		RF	\$340,985		RF	\$0		RF	
Travel	\$183,822	\$73,200	\$31,184	\$175,838	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$31,184
	RF	\$50,000		RF	\$70,000		RF	\$45,000		RF	\$0		RF	
Supplies	\$522,134	\$184,600	\$30,556	\$623,276	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,556
	RF	\$52,902		RF	\$420,000		RF	\$90,000		RF	\$0		RF	
Contractual	\$339,234	\$31,000	\$182,792	\$185,965	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$182,792
	RF	\$1,477		RF	\$100,000		RF	\$45,000		RF	\$0		RF	
Other	\$657,146	\$290,480	\$205,928	\$680,057	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$205,928
	RF	\$61,640		RF	\$448,840		RF	\$35,000		RF	\$0		RF	
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	RF	\$0		RF	\$0		RF	\$0		RF	\$0		RF	
Indirects	\$60,901	\$107,748	\$50,190	\$85,459	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,190
	RF	\$33,000		RF	\$0		RF	\$35,000		RF	\$0		RF	
Year Total	\$3,941,307	\$1,943,209	\$1,227,664	\$3,978,034	\$1,594,666	\$0	\$0	\$1,370,985	\$0	\$0	\$0	\$0	\$0	\$1,227,664
Total Funds EOY Available (Actual)	\$3,941,307			\$3,978,034	\$2,383,368		\$2,383,368	\$1,012,383		\$1,012,383	\$1,012,383		\$1,012,383	
RF Total		\$339,409			\$1,594,666			\$1,370,985			\$0			
RT to Planning & Project Design														\$0
RT to Cap Dev Assistance					\$862,409									\$862,409
RT to SWAP Assistance					\$316,050									\$316,050
RT to GIS Mapping					\$25,000									\$25,000
RT to PBT & AWOP					\$150,000									\$150,000
RT to Source Water Security Grants					\$134,000									\$134,000
RT to Source Water Protect Grants					\$200,000									\$200,000
RT to Operator Certification					\$66,625									\$66,625
Payroll 1 year					\$1,031,102									\$1,031,102
Fringes 1 year					\$315,944									\$315,944
Current Expenses 1 year					\$605,003									\$605,003
Indirects 1 year					\$170,132									\$170,132
Total RT		\$0			\$3,876,265			\$0			\$0			\$3,876,265
RT: Redirection to other activities RF: Redirection from other activities														

Confidential Business Info

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Planned Activities Budget Report

15% Local Assistance	Balance End of FY 07	SFY 2008			SFY 2009			SFY 2010			SFY 2011			SFY 2008-11 Plan
		Budget	Actual Expenses	Balance	Budget	Projected Expenses	Balance	Budget	Projected Expenses	Balance	Budget	Projected Expenses	Balance	
Grant Award		\$1,234,395			\$0			\$0			\$0			\$1,234,395
Salary	\$1,497,488	\$522,872	\$584,654	\$1,435,706	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$584,654
				RF	\$600,000		RF	\$900,000		RF	\$0	\$0		
Fringe	\$540,368	\$212,836	\$209,013	\$544,191	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$209,013
				RF	\$120,945		RF	\$373,000		RF	\$0	\$0		
Travel	\$176,449	\$60,675	\$16,449	\$220,674	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,449
				RF	\$157,319		RF	\$15,000		RF	\$0	\$0		
Supplies	\$87,608	\$39,400	\$13,683	\$113,325	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,683
				RF	\$20,000		RF	\$0		RF	\$0	\$0		
Contractual	\$325,005	\$129,000	\$92,067	\$361,938	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$92,067
				RF	\$52,928		RF	\$200,000		RF	\$0	\$0		
Other	\$213,941	\$97,064	\$66,573	\$244,432	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$66,573
				RF	\$50,000		RF	\$125,000		RF	\$0	\$0		
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
				RF	\$0		RF	\$0		RF	\$0	\$0		
Indirects	\$490,239	\$172,548	\$171,735	\$491,052	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$171,735
				RF	\$171,907		RF	\$312,000		RF	\$0			
Year Total	\$3,331,097	\$1,234,395	\$1,154,174	\$3,411,318	\$1,173,099	\$0	\$0	\$1,925,000	\$0	\$0	\$0	\$0	\$0	\$1,154,174
Total Funds EOY Available (Actual)	\$3,331,097			\$3,411,318	\$2,238,218		\$2,238,218	\$313,218		\$313,218	\$313,218		\$313,218	
RF Total					\$1,173,099			\$1,925,000			\$0			
RT to Planning & Project Design					\$1,094,112									\$1,094,112
RT to Cap Dev Assistance					\$50,000									\$50,000
RT to SWAP Assistance					\$200,000									\$200,000
RT to GIS Mapping					\$50,000									\$50,000
RT to PBT & AWOP					\$0									\$0
RT to UMI					\$100,000									\$100,000
RT to Source Water Protect Grants					\$200,000									\$200,000
Payroll 1 Year					\$700,126									\$700,126
Fringes					\$265,341									\$265,341
Indirects					\$343,743									\$343,743
Current Expense					\$231,042									\$231,042
Total RT					\$3,234,364			\$0			\$0			\$3,234,364

RT: Redirection to other activities **RF:** Redirection from other activities